INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/22946

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A01N 43/40, 43/42; A61K 31/47, 31/445; C07J 31/00, 41/00, 9/00 US CL : 514/314, 317, 822; 552/550 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 514/314, 317, 822; 552/550 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST (USPATS, USPGPUB, USOCR), CAPLUS, BIOSIS, MEDLINE					
C. DOCL	JMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where app	propriate,	of the relevant passages	Relevant to claim No.	
х	SMYTHE, M.A., et al. Venous limb gangrene during overlapping therapy with warfarin and a direct thrombin inhibitor for immune heparin-induced thrombocytopenia. American Journal of Hematology, 2002, Vol. 71, pages 50-52, especially p.52.		1-13		
х	KONDO, L.M., et al. Argatroban for prevention and treatment of thromboembolism in heparin-induced thrombocytopenia. Annals of Pharmacotherapy, April 2001, Vol 35, pages 440-451, especially pages 442 and 446.			1, 3-13	
x	ADKINS, J.C., et al. Lepirudin: a review of its potential place in the management of thrombotic disorders. BioDrugs. September 1998, Vol. 10, No.3, pages 227-255, especially p. 228, 232-233, 239-241, 247, and 249-251.			1-5, 7-9	
<u>x</u> <u>y</u>	LAPOSATA, M.L., et al. College of American Pathologists conference XXXI on laboratory monitoring of anticoagulant therapy: The clinical use and laboratory monitoring of low-molecular-weight heparin, danaparoid, hirudin and related compounds, and argatroban. Archives of Pathology and Laboratory Medicine. September 1998, Vol. 122, No. 9, pages 799-807, especially pages 801 and 804-805.			1-9 10-13	
Further	r documents are listed in the continuation of Box C.		See patent family annex.		
"A" document of particu	Special categories of cited documents: It defining the general state of the art which is not considered to be ular relevance Oplication or patent published on or after the international filing date	"X"	later document published after the inte date and not in conflict with the applit principle or theory underlying the inv document of particular relevance; the considered novel or cannot be considered	cation but cited to understand the ention cannot be	
establish specified	at which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as the publication date of another citation or other means	"Y"	when the document is taken alone document of particular relevance; the considered to involve an inventive ste combined with one or more other suc being obvious to a person skilled in the	p when the document is h documents, such combination	
"P" document published prior to the international filing date but later than the priority date claimed		"&"	document member of the same patent	family	
Date of the actual completion of the international search		Date of 1	mailing of the international sear	ch report	
18 January 2005 (18.01.2005)			15 MAR 2005	111	
Name and mailing address of the ISA/US Mail Stop PCT, Atm: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450		Lora E	ed officer Barnhart ne No. 571-272-1600	à JWats	
Facsimile No. (703) 305-3230					

Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/22946

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Delevent de 121 22
X X	HURSTING, M.J. et al. The international normalized ratio during concurrent warfarin and argatroban anticoagulation: differential contributions of each agent and effects of the choice	Relevant to claim No.
	of thromboplastin used. Clinical Chemistry. 1999, Vol. 45, No. 3, pages 409-412, especially p. 411.	
	•	

Box No. VIII(iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States

of America). The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII(I) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

•	The second of the second secon			
This application is directed to international application No. PCT/	(if furnishing declaration pursuant to Rule 26ter).			
I hereby declare that my residence, mailing address, and citizenship	are as stated next to my name.			
I hereby state that I have reviewed and understand the contents of t claims of said application. I have identified in the request of said a to foreign priority, and I have identified below, under the heading "Member of the World Trade Organization, day, month and year of filed in a country other than the United States of America, includin one country other than the United States of America, having a filin priority is claimed.	pplication, in compliance with PCT Rule 4.10, any claim Prior Application," by application number, country or filing, any application for a patent or inventor's certificate g any PCT international application designating at least			
Prior Applications: (prior to	priority)			
I hereby acknowledge the duty to disclose information that is know C.F.R. §1.56, including for continuation-in-part applications, mater date of the prior application and the PCT international filing date of	rial information which became available between the filing			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the Uited States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.				
Name: Margaret M. GARDNER				
Residence: One Franklin Plaza, P.O. Box 7929, Philadelphia, Pennsylvania 19101, United States of America				
Mailing Address: GlaxoSmithKline, Corporate Intellectual Property - UW2220, P.O. Box 1539 King of Prussia, Pennsylvania 19406-0939				
Inventor's Signature. (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent.)	Date: 7/15/6 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)			
Name: Marcie J. HURSTING				
Residence: 11329 Berger Terrace, Potomac, Maryland 20854, United States of America				
Mailing Address: GlaxoSmithKline, Corporate Intellectual Property - UW2220, P.O. Box 1539 King of Prussia, Pennsylvania 19406-0939				
Citizenship: United States of America				
Inventor's Signature: Marcie Character (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international	Date:			

application. The signature must be that of the inventor, not that of the agent.)

26ter after the filing of the international application)

This declaration is continued on the following sheet, "Continuation of Box No. VIII(iv)".

Continuation of Box No. VIH(i) to (v) Declaration	PCT/US2004/022946			
If the space is insufficient in any of Boxes Nos. VIII(I) to (v) to furnish all the informatino, including in the case where more than two inventors are to be named in Box No. VIII (iv), in such case, write "Continuation of Box No. VIII " (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.				
Name: Elizabeth A. TARKA				
Residence: 2301 Renaissance Blvd., King of Prussia, Pennsylvania 19406, United States of America				
Mailing Address: GlaxoSmithKline, Corporate Intellectual Property - UW2220, P.O. Box 1539 King of Prussia, Pennsylvania 19406-0939				
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent.)	Date: 7 5 64 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)			
Name: Catherine N. VERME-GIBBONEY				
Residence: One Franklin Plaza, P.O. Box 7929, Philadelphia, Pennsylvania 19101, United States of America				
Mailing Address: GlaxoSmithKline, Corporate Intellectual Property - UW2220, P.O. Box 1539 King of Prussia, Pennsylvania 19406-0939				
Citizenship: United States of America				
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent.)	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)			

Continuation of Box No. MIK(i) to (v) Declaration. If the space is insufficient in any of Boxes Nos. VIII(I) to (v) to furnish all the informatino, including in the case where more than two inventors are to be named in Box No. VIII (iv), in such case, write "Continuation of Box No. VIII" (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.					
Name: Elizabeth A. TARKA					
Residence: 2301 Renaissance Blvd., King of Prussia, Pennsylvania 19406, United States of America					
Mailing Address: GlaxoSmithKline, Corporate Intellectual Property - UW2220, P.O. Box 1539 King of Prussia, Pennsylvania 19406-0939					
Citizenship: United States of America					
Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent.)	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)				
Name: Catherine N. VERME-GIBBONEY					
Residence: One Franklin Plaza, P.O. Box 7929, Philadelphia, Pennsylvania 19101, United States of America					
Mailing Address: GlaxoSmithKline, Corporate Intellectual Property - UW2220, P.O. Box 1539 King of Prussia, Pennsylvania 19406-0939					
Citizenship: United States of America Inventor's Signature: UMUL YUML GULVALLY (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent.)	Date:				